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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION
SECURITIES BLDG.
HELENA, MONTANA

VOL. VII, No. 3 — McKEE PRINT. — March, 1959

Production of crude oil and condensate from the oil and gas areas of Montana for the month of March, 1959, averaged 82,335 barrels daily, an increase of 1,289 barrels from the average February production of 81,046.

The ten refineries in the State processed 75,961 barrels of crude oil daily for the month of March, 1959, an increase of 4,915 barrels daily from the 71,046 barrels processed daily during the month of February, 1959.

During March, 23 wells were completed, 13 oil. 0 gas wells and 10 dry holes.

During March, the Commission issued 26 permits to drill new wells, an increase of 10 from the 16 permits issued during February.

SUMMARY OF CRUDE OIL PRODUCTION, REFINING STORAGE, ETC., IN MONTANA

MONTH OF MARCH, 1959

IN STORAGE MARCH 1st:	
By Producers	364,706
By Transporters	641,251
By Refiners	635,239
TOTAL STORAGE	1,641,196
Produced in Montana During Month	2,552,407
Imported During Month	1,673,496
TOTALS	5,867,099
DISPOSITION:	
Refined in Montana	2,354,806
Exported	1,916,268
Used for Fuel or Lost	3,478
TOTAL	4,274,552
IN STORAGE MARCH 31st:	
By Producers	368,699
By Transporters	661,262
By Refiners	562,586
TOTAL STORAGE	1,592,547

NATURAL GAS WITHDRAWALS IN MONTANA

Month of March, 1959

Field	M Cu. Ft.
Bears Den	0
Big Coulee	78,032
Bowdoin	175,384
Bowes	134,092
Box Elder	0
Cabin Creek	83,192
Cedar Creek	333,568
Clarks Fork	113,874
Cut Bank (Including Reagan)	996,798
Devon	0
Dry Creek	137,460
Elk Basin	95,756
Flat Coulee	39,364
Golden Dome	3,207
Hardin	3,030
Keith Block	146,481
Kevin Sunburst	108,585
Pine	80,230
Plevna	20,723
Utopia	100,359
Whitlash	112,599
Miscellaneous	47,039
TOTAL	2,809,773

Total Withdrawals for March, 1958 were 3,443,995 M Cu. Ft.

PRODUCER'S REPORT
MONTH OF MARCH, 1959

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped By Pipeline	Oil Shipped By Truck	Used or Lost	Storage End of Month
1	Ash Creek	1	1,037	2,693	.....	2,693	.....	1,037
3	Bannatyne	7	2,163	2,498	.....	903	.....	3,758
....	Belfry	....	45	.....	.....	.....	.....	45
12	Big Wall	23	2,206	18,429	.....	17,159	.....	3,476
10	Blackfoot	14	2,843	7,335	.....	6,973	.....	3,205
2	Border	2	.....	568	.....	568	.....	.....
20	Bowes	83	5,030	30,092	29,451	.....	.....	5,671
1	Bredette	1	1,611	603	815	.....	.....	1,399
5	North Bredette	5	4,415	6,236	5,354	.....	.....	5,297
1	Brorson	1	2,100	1,550	1,673	.....	.....	1,977
....	Bynum	....	255	.....	.....	.....	.....	255
2	Cabin Creek	90	16,751	386,890	394,429	.....	737	8,475
30	Cat Creek	90	4,891	12,419	8,749	3,415	.....	5,146
1	Clark's Fork	1	359	.....	.....	.....	.....	359
3	Clark's Fork North	4	1,674	36,781	.....	36,774	.....	1,681
2	Cupton	2	1,771	1,253	2,560	.....	.....	464
350	Cut Bank	1,127	125,012	178,844	174,454	.....	1	129,401
3	Deer Creek	6	1,512	22,478	21,632	.....	.....	2,358
5	Delphia	5	2,635	5,150	.....	6,008	.....	1,777
4	Devil's Basin	5	1,023	431	.....	639	.....	815
5	Dry Creek	6	970	5,373	5,615	.....	.....	728
20	Elk Basin	58	10,118	361,033	362,435	.....	.....	8,716
2	Fertile Prairie	3	948	965	1,039	.....	.....	874
2	Frannie	2	597	2,514	2,453	.....	.....	658
2	Gage	2	1,579	1,916	.....	2,753	130	612
4	Gas City	12	5,726	20,867	23,964	.....	.....	2,629
6	Glendive	12	6,061	48,680	48,707	.....	.....	6,034
3	Gypsy Basin	3	1,331	453	.....	650	.....	1,134
1	Hawk Creek	1	456	124	.....	.....	.....	580
5	Ivanhoe	12	4,883	22,423	.....	21,810	.....	5,496
177	Kevin-Sunburst	1,295	16,699	61,225	60,448	.....	.....	17,476
2	Line Coulee	2	2,577	1,086	342	.....	.....	3,321
1	Little Beaver	5	3,147	12,583	12,811	.....	.....	2,919
3	East Little Beaver	5	1,824	7,880	7,045	.....	.....	2,659
5	Melstone	8	3,159	5,309	.....	5,236	.....	3,232
2	Monarch	2	1,096	4,716	5,222	.....	.....	590
3	Mosser	8	257	1,222	.....	628	.....	851
10	Outlook Area	14	8,067	61,092	60,219	.....	.....	8,940
10	Pennel	21	6,112	46,153	43,435	.....	.....	8,830
6	Pine	137	17,739	417,326	416,233	.....	.....	18,832
77	Pondera	335	8,443	44,878	44,512	.....	.....	8,809
11	East Poplar	102	20,433	336,458	334,834	.....	34	22,023
3	Northwest Poplar	4	1,214	1,741	781	.....	.....	2,174
4	Ragged Point	7	2,717	9,787	.....	9,745	.....	2,759
....	Rattlesnake Butte	....	116	.....	.....	.....	.....	116
4	Reagan	44	2,374	11,924	12,552	.....	.....	1,746
6	Red Creek	11	3,001	14,282	4,036	11,379	.....	1,868
1	Redstone	1	703	348	.....	.....	.....	1,051
....	Repeat	....	801	.....	.....	.....	.....	801
4	Richey	9	4,103	11,569	6,594	4,663	.....	4,415
1	Sand Creek	1	.....	7,640	6,365	.....	.....	1,275
2	Snyder	4	2,327	2,079	.....	3,485	.....	921
4	Soap Creek	17	3,564	6,886	.....	6,464	.....	3,986
1	Southwest Richey	2	680	1,841	1,316	.....	.....	1,205
3	Stensvad	5	2,939	36,343	.....	33,846	54	5,382
22	Sumatra	72	18,297	182,661	182,413	1,748	.....	16,797
4	Sweetgrass Hills	4	554	725	.....	545	.....	734
9	Whitlash	34	11,557	5,810	4,765	1,411	.....	11,191
5	Wills Creek	9	3,685	21,554	21,861	.....	.....	3,378
9	Wolf Springs	19	4,868	55,834	55,829	.....	205	4,668
2	Woodrow	2	670	2,531	2,351	.....	.....	850
1	Yellowstone	1	981	326	.....	464	.....	843
897		3,758	364,706	2,552,407	2,367,294	179,959	1,161	368,699

Total Oil Produced and Shipped From Lease	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1958	27,956,649	76,593	27,878,576	76,379
January, 1959	2,465,740	79,540	2,443,701	78,829
February, 1959	2,269,299	81,046	2,267,989	80,999
March, 1959	2,552,407	82,335	2,547,253	82,169

Oil in Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December, 1958	342,798	707,901	518,033	1,568,732
January, 1959	364,243	658,155	637,993	1,660,391
February, 1959	364,706	641,251	635,239	1,641,196
March, 1959	368,699	661,262	562,586	1,592,547

*Includes Wyoming Oil

TRANSPORTERS REPORT

MONTH OF MARCH, 1959

	Storage First Of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,693				2,693		
BANNATYNE—Truck			903			903			
BIG WALL—Truck			17,159				17,159		
BLACKFOOT—Union Oil Co.			6,973			6,973			
BORDER—Truck			568			568			
BOWES—									
Trigood Oil Co.	2,736	5,682			396	4,243			3,779
The Texas Co.		23,769				23,769			
	2,736	29,451			396	28,012			3,779
BRORSON—Sun Oil Company		1,673					1,673		
CABIN CREEK & OTHERS*									
Butte Pipe Line Co.	306,609	887,748		521,165	1		1,401,164		314,357
Shell Pipe Line Corp.	1,513	85,550			(28)			85,393	1,698
	308,122	973,298		521,165	(27)		1,401,164	85,393	316,055
CAT CREEK—									
Continental Pipe Line Co.	6,344	8,749			3	8,738			6,352
Wm. Hanlon			3,415			3,415			
	6,344	8,749	3,415		3	12,153			6,352
CLARK'S FORK—Truck			36,774				36,774		
CUT BANK—									
Big West Oil Co.		962		19,289		20,251			
Darling Gathering System, Inc.	1,702	5,892						6,254	1,340
Phillips Petroleum Co.	21,884	50,572		16,772	260	52,486		2,998	33,484
Texas Pipe Line Co.	45,915	30,423		25,383	324	13,467		39,718	48,212
Toronto Pipe Line Co.	23,836	45,938			95			48,688	20,991
Union Oil Co.	161,044	43,377		17,773	1,957	99,794			120,443
	254,381	177,164		79,217	2,636	185,998		97,658	224,470
DEVILS BASIN—Truck			639				639		
DELPHIA—Truck			6,009			6,008			
DRY CREEK—Ohio Oil Co.	9,916	5,805			(6)	6,454			9,273
ELK BASIN—Ohio Oil Co.		362,435					362,435		
FRANNIE—Ohio Oil Co.		2,453					2,453		
GAGE—Truck			2,753				2,753		
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
The Texas Pipe Line Co.	5,495	78,945			76		19,584	59,056	5,794
GYPSY BASIN—Truck			650			650			
IVANHOE—Truck			21,810			1,195	20,615		
KEVIN-SUNBURST—									
Big West Oil Co.	2,159	42,332				42,315			2,176
Homestake Oil & Gas Co.	940	2,960		6,254		9,212			942
The Texas Pipe Line Co.	4,082	28,075			291	27,784			4,082
	7,181	73,367		6,254	291	79,311			7,200
MELSTONE—Truck			5,236			5,236			
MOSSER—Truck			628				628		
PONDERA—Phillips Petr. Co.	24,278	46,226		786	1,058	41,211			29,021
POPLAR, BREDETTE, OUTLOOK, LINE COULEE, REDSTONE & RICHEY—									
East Poplar Gathering System	18,183	401,432			790			391,358†	27,467
Truck			4,663				4,663		
	18,183	401,432	4,663		790		4,663	391,358	27,467
RAGGED POINT—Truck			9,745			9,745			
REAGAN—Union Oil Co.		12,552				12,552			
RED CREEK—Truck			11,379				11,379		
SNYDER—Truck			3,485				3,485		
SOAP CREEK—Truck			6,464			6,464			
STENSVAD—Truck			33,846			17,684	16,162		
SUMATRA—									
Powder River Pipe Line Inc.		182,413		25,836		181,263	9,797		17,189
Truck			1,748				1,748		
		182,413	1,748	25,836		181,263	11,545		17,189
SWEETGRASS HILLS—Truck			545			545			
WHITLASH—									
Homestake Oil & Gas Co.				3,437		3,437			
Western Natural Gas Co.	253	4,765						3,230	1,788
Truck			1,411			1,411			
	253	4,765	1,411	3,437		4,848		3,230	1,788
WOLF SPRINGS—									
Powder River Pipe Line Co.	4,362	55,648			(6,761)	53,827			12,944
YELLOWSTONE—Truck			464				464		
TOTALS	641,251	2,416,376	179,959	636,695	(1,544)	661,600	1,916,268	636,695	661,262

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, East Little Beaver, Monarch, Pennel, Pine, Repeat, Richey, Southwest Richey and Wills Creek Fields.

†Transferred to Butte Pipe Line Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA

MONTH OF MARCH, 1959

Field	Big West Oil Co.	Carter Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Jet Fuel Refinery	Phillips Petr. Co.	The Texas Co.	Texas Calgary Co.	Union Oil Co.	Total by Fields
Blackfoot										4,856	4,856
Border	568										568
Bowes				21,301							21,301
Cat Creek			6,579		2,050	764					9,39[illegible]
Clark's Fork					325						325
Cut Bank	31,651						51,247	34,507		97,797	215,202
Delphia						6,144					6,144
Dry Creek					7,096						7,096
Elk Basin		182,355	81,011								263,366
Gage					606						606
Ivanhoe						4,335					4,335
Kevin-Sunburst	37,231							88,613			125,844
Melstone					20,185						20,185
Pondera							42,015				42,015
Reagan										12,552	12,552
Red Creek		2,636									2,636
Soap Creek									5,356		5,356
Sumatra		166,342	302		40,775						207,419
Sweetgrass Hills	542										542
Whitlash										1,238	1,2[illegible]
Wolf Springs		61,456									61,456
Total Montana Oil	69,992	412,789	87,892	21,301	71,037	11,243	93,262	123,120	5,356	116,443	1,012,435
Canadian Oil Imported											
Wyoming Oil Imported		583,998	272,414		485,959						1,342,371
TOTAL Montana, Canadian and Wyoming Oil	69,992	996,787	360,306	21,301	556,996	11,243	93 262	123,120	5,356	116,443	2,354,806

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1958	25,108	32	38,599	63,739
March, 1958	25,420	25	33,973	59,418
March, 1959	32,659	....	43,302	75,961

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
39.39%	.05%	60.56%
42.78%	.05%	57.17%
42.99%		57.01%